

CONSTRUCTION DIVISION (E/M) U.P. JAL NIGAM, GORAKHPUR

COMPLETION PLAN OF... DUDHARA CUNDR-TURNKEY DISTRICT SANTYABIRNAGAR
 TYPE OF RIG M/C... R.C. GORBT SIZE OF BORE... 6.75/550mm
 STATIC WATER LEVEL... NAME OF FIRM... M/S. RAM BRIKSH YADAV
 J.E. Incharge... NANDU PRASAD A.E. Incharge... BABBAN YADAV

DEPTH R.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0.00		SURFACE CLAY		300 m.m. Dia Housing Pipe to 36.26 m
8.00		F.S.+M.SAND		300/200 m.m. Dia Reducer 36.26 to 36.46 m
16.00		SANDY CLAY		200 m.m. Dia BLIND Pipe 36.46 to 88.50 m
24.00				200 m.m. Dia SLOTTED Pipe 88.50 to 94.50 m
		M.SAND		200 m.m. Dia BLIND Pipe 94.50 to 115.55 m
				200 m.m. Dia SLOTTED Pipe 115.55 to 121.57 m
				200 m.m. Dia BLIND Pipe 121.57 to 135.51 m
				200 m.m. Dia SLOTTED Pipe 135.51 to 144.58 m
55.00		CLAY		200 m.m. Dia BLIND Pipe 144.58 to 150.71 m
65.00		F.SAND		200 m.m. Dia SLOTTED Pipe 150.71 to 154.71 m
72.00		SANDY CLAY		200 m.m. Dia BLIND Pipe 154.71 to 158.71 m
84.00		F.S.+M.SAND		m.m. Dia Pipe to m
96.00		CLAY		Total Assembly 158.71 + 6.75 = 165.46 m
114.00		F.S.+M.SAND		
124.00		CLAY		
134.00		F.S.+M.SAND		
146.00		SANDY CLAY		
149.00		M.SAND		
160.00		CLAY		
165.00				

ABSTRACT

- 1- Drilling Started 16.10.019
- 2- Drilling Completed/Lowering 14.11.019
- 3- Drilling Depth 165.00 m
- 4- Assembly Lowered 159.21 m
- 5- Housing Pipe 36.76 m
- 6- Blind Pipe 97.16 m
- 7- Slotted Pipe 25.09 m
- 8- Reducer 0.20 m

LOGGING REPORT

- 1- 25-54 M = 29 M.
- 2- 65-70 M = 5 M.
- 3- 85-95 M = 10 M.
- 4- 115-122 M = 7 M.
- 5- 135-145 M = 10 M.
- 6- 150-158 M = 8 M.
- 7-
- 8-

(NANDUPRASAD) (BABBAN YADAV) (ADARSHVERMA)
 J.E. A.E. E.E.

YIELD TEST REPORT BY 250 P.S.I. COMPRESSOR

Date of Test 5.2.02 Static W/L 6.20 Taste of Water SWEET

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS											REMARKS		
INC	LP.M.	Kg/Cm ²	Kg/Cm ²	Kg.	Mr.	Start	5 min	10 min	15 min	20 min	25 min						
9.00	2109	9.30	8.70	6.60	6.00	4200	3000	2300	1000	800							
9.50	2406	12.00	11.30	6.70	7.00	4400	3200	2600	1200	900							
10.00	2740	14.00	13.20	6.80	8.00	4500	3300	2800	2000	1000							
10.50	3087	15.64	14.70	6.90	9.00	4800	3600	3000	2000	1200							

YIELD TEST REPORT BY O.P. UNIT

Date of Test Static W/L Taste of Water.....

DISCH.	R.W.L.	S.W.L.	DEPRE	SAND CONTENTS											REMARKS		
LPM	M	M	M	Start	5 min	10 min	15 min	20 min	25 min								

NOTE:- RECOMMENDED FOR FURTHER DEVELOPMENT BY O.P. UNIT.
 (NANDUPRASAD) (BABBAN YADAV) (ADARSHVERMA)
 J.E. A.E. E.E.

RECOMMENDED DISCHARGE RUNNING BY PASS
 J.E. A.E. E.E.

CHEMICAL TEST REPORT OF WATER SAMPLE

Tested Parameters	Unit of measurement	BIS:10500: 2012 Desirable Limit	BIS:10500: 2012 Permissible Limit	Test Method	Result
गंध		Agreeable	Agreeable	IS:3025 (Part 5)	Agreeable
आयरन	ppm	1.0	1.0	IS:3025 (Part 53)	0.06
नाईट्रेट	ppm	45	45	IS:3025 (Part 34)	0.886
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	0
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	0.70
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	30
टी0डी0एस0	ppm	500	2000	IS:3025 (Part 16)	195
एल्कनिटी	ppm	200	600	IS:3025 (Part 23)	110
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	0
सल्फेट	ppm	200	400	IS:3025 (Part 24)	9.6
पी.एच0	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	7.2
गंदापन	NTU	1	5	IS:3025 (Part 10)	3.10
महत्वपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 21)	180

J.E

A.E.

Executive Engineer